

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	313	"381"/96.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/23 09:25
L2	0	"381"/96.ccls. and piple	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/23 09:25
L3	12	"381"/96.ccls. and pipe	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/23 09:29
L4	12	"381"/96.ccls. and pipe	US-PGPUB; USPAT	OR	ON	2006/08/23 09:29
L5	277	"381"/96.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/23 09:42
L6	49	"381"/95.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/23 09:43
L7	283	"381"/59.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/23 09:48
L8	136	"381"/83.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/23 09:56
L9	191	"381"/93.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/23 10:01
L10	218	acoustic near pipe	US-PGPUB; USPAT	OR	ON	2006/08/23 10:01
L11	172	acoustic near pipe and frequency	US-PGPUB; USPAT	OR	ON	2006/08/23 10:01
L12	68	acoustic near pipe and (resonan\$7 with frequency)	US-PGPUB; USPAT	OR	ON	2006/08/23 10:05
L13	21	acoustic near pipe and (resonan\$7 with frequency) and speaker	US-PGPUB; USPAT	OR	ON	2006/08/23 10:05
L14	10	acoustic near pipe same (resonan\$7 with frequency) same speaker	US-PGPUB; USPAT	OR	ON	2006/08/23 10:05

EAST Search History

L15	43	(US-20020071573-\$ or US-20020126852-\$ or US-20020154785-\$ or US-20040096067-\$ or US-20050135631-\$ or US-20030210798-\$ or US-20050129255-\$ or US-20020106092-\$ or US-20020080980-\$ or US-20030108213-\$ or US-20020041693-\$ or US-20050036632-\$ or US-20040028246-\$ or US-20030194097-\$).did. or (US-6453253-\$ or US-6810124-\$ or US-2948778-\$ or US-3889060-\$ or US-6370253-\$ or US-3009991-\$ or US-6317501-\$ or US-4209672-\$ or US-6996240-\$ or US-5197103-\$ or US-5519781-\$ or US-5694476-\$ or US-5729611-\$ or US-6122385-\$ or US-6282296-\$ or US-6766025-\$ or US-5666427-\$ or US-3798374-\$ or US-6944302-\$ or US-5513266-\$ or US-4893695-\$ or US-6282611-\$ or US-6970568-\$ or US-6062338-\$ or US-4953655-\$ or US-7065221-\$). did. or (US-7058186-\$ or US-6760451-\$ or US-5025472-\$). did.	US-PGPUB; USPAT	OR	ON	2006/08/23 10:08
L16	26506	tanaka.in.	US-PGPUB; USPAT	OR	ON	2006/08/23 10:08
L17	1123	tanaka-hide\$.in.	US-PGPUB; USPAT	OR	ON	2006/08/23 10:08
L18	54	tanaka-hide\$.in. and speaker	US-PGPUB; USPAT	OR	ON	2006/08/23 10:11
L19	36	konno\$.in. and speaker	US-PGPUB; USPAT	OR	ON	2006/08/23 10:11
S1	0	"10089884".ap.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/23 09:24
S2	4	"089884".ap.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/20 12:18
S3	277	381/96.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/20 12:29
S4	241	381/96.ccls.	US-PGPUB; USPAT	OR	ON	2005/09/20 12:57

EAST Search History

S5	37	381/95.ccls.	US-PGPUB; USPAT	OR	ON	2005/09/20 13:01
S6	222	381/59.ccls.	US-PGPUB; USPAT	OR	ON	2005/09/20 14:13
S7	129	381/83.ccls.	US-PGPUB; USPAT	OR	ON	2005/09/20 14:32
S8	178	381/93.ccls.	US-PGPUB; USPAT	OR	ON	2005/09/20 14:45
S9	24132	Tanaka.in.	US-PGPUB; USPAT	OR	ON	2005/09/20 14:45
S10	80	Tanaka.in. and "381".clas.	US-PGPUB; USPAT	OR	ON	2005/09/20 15:01
S11	2	("6122385", "3798374").pn.	US-PGPUB; USPAT	OR	ON	2005/09/20 15:08
S12	32	"162990"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/20 15:22
S13	100	("5457995" "5689573" "5825718" "5848168" "5195059" "4177874" "5336856" "5457749" "5748749" "6072880" "4420655" "5812678" "6009180" "4418243" "4449237" "5018202" "5233661" "5253486" "5377275" "5787152" "5832093" "6147979" "6167116" "4359606" "4482866" "4783817" "4823391" "4899387" "5204908" "5337365" "5337366" "5347583" "5404397" "5426719" "5445517" "5604809" "5727066" "5732143" "5825897" "5832079" "5862238" "5953431" "6014239" "6061456" "6061456" "6141415" "6147787" "6173059" "4052562" "4109107").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/20 15:22

EAST Search History

S14	22	(US-20020071573-\$ or US-20020126852-\$ or US-20020154785-\$ or US-20030210798-\$ or US-20040096067-\$ or US-20050129255-\$ or US-20030108213-\$ or US-20020041693-\$).did. or (US-5519781-\$ or US-2948778-\$ or US-3009991-\$ or US-3889060-\$ or US-5694476-\$ or US-6122385-\$ or US-6282296-\$ or US-6766025-\$ or US-4209672-\$ or US-5729611-\$ or US-6370253-\$ or US-6453253-\$ or US-6944302-\$ or US-3798374-\$). did.	US-PGPUB; USPAT	OR	ON	2005/09/21 09:46
S15	1974	onishi.in.	US-PGPUB; USPAT	OR	ON	2005/09/20 15:44
S16	11	onishi.in. and "381".clas.	US-PGPUB; USPAT	OR	ON	2005/09/20 15:46
S17	12	(onoshi, onishi).in. and "381".clas.	US-PGPUB; USPAT	OR	ON	2005/09/20 15:47
S18	12	(konno).in. and "381".clas.	US-PGPUB; USPAT	OR	ON	2005/09/20 15:55
S19	1284	(konno).in.	US-PGPUB; USPAT	OR	ON	2005/09/20 15:46
S20	24	(hasegawa).in. and "381".clas.	US-PGPUB; USPAT	OR	ON	2005/09/20 15:58
S21	16	(yoshino).in. and "381".clas.	US-PGPUB; USPAT	OR	ON	2005/09/20 16:00
S22	22	(matsuo).in. and "381".clas.	US-PGPUB; USPAT	OR	ON	2005/09/20 16:05
S23	1	(nitta).in. and "381".clas.	US-PGPUB; USPAT	OR	ON	2005/09/20 16:05
S24	22	(US-20020071573-\$ or US-20020126852-\$ or US-20020154785-\$ or US-20030210798-\$ or US-20040096067-\$ or US-20050129255-\$ or US-20030108213-\$ or US-20020041693-\$).did. or (US-5519781-\$ or US-2948778-\$ or US-3009991-\$ or US-3889060-\$ or US-5694476-\$ or US-6122385-\$ or US-6282296-\$ or US-6766025-\$ or US-4209672-\$ or US-5729611-\$ or US-6370253-\$ or US-6453253-\$ or US-6944302-\$ or US-3798374-\$). did.	US-PGPUB; USPAT	OR	ON	2005/09/21 09:46

EAST Search History

S25	0	S24 and "acoustic pipe"	US-PGPUB; USPAT	OR	ON	2005/09/21 09:47
S26	0	S24 and acoustic and pipe	US-PGPUB; USPAT	OR	ON	2005/09/21 09:47
S27	80	"acoustic pipe"	US-PGPUB; USPAT	OR	ON	2006/02/20 21:54
S28	32	(US-20020041693-\$ or US-20020071573-\$ or US-20020080980-\$ or US-20020106092-\$ or US-20020126852-\$ or US-20020154785-\$ or US-20030108213-\$ or US-20030210798-\$ or US-20040028246-\$ or US-20040096067-\$ or US-20050129255-\$ or US-20050135631-\$).did. or (US-2948778-\$ or US-3009991-\$ or US-3798374-\$ or US-3889060-\$ or US-4209672-\$ or US-4893695-\$ or US-5197103-\$ or US-5519781-\$ or US-5666427-\$ or US-5694476-\$ or US-5729611-\$ or US-6062338-\$ or US-6122385-\$ or US-6282296-\$ or US-6282611-\$ or US-6317501-\$ or US-6370253-\$ or US-6453253-\$ or US-6766025-\$ or US-6944302-\$). did.	US-PGPUB; USPAT	OR	ON	2005/09/22 09:14
S29	22	(US-20020071573-\$ or US-20020126852-\$ or US-20020154785-\$ or US-20030210798-\$ or US-20040096067-\$ or US-20050129255-\$ or US-20030108213-\$ or US-20020041693-\$).did. or (US-5519781-\$ or US-2948778-\$ or US-3009991-\$ or US-3889060-\$ or US-5694476-\$ or US-6122385-\$ or US-6282296-\$ or US-6766025-\$ or US-4209672-\$ or US-5729611-\$ or US-6370253-\$ or US-6453253-\$ or US-6944302-\$ or US-3798374-\$). did.	US-PGPUB; USPAT	OR	ON	2005/09/22 09:15
S30	248	381/96.ccls.	US-PGPUB; USPAT	OR	ON	2006/02/20 21:21
S31	40	381/95.ccls.	US-PGPUB; USPAT	OR	ON	2006/02/20 21:22
S32	242	381/59.ccls.	US-PGPUB; USPAT	OR	ON	2006/02/20 21:28

EAST Search History

S33	130	381/83.ccls.	US-PGPUB; USPAT	OR	ON	2006/02/20 21:32
S34	181	381/93.ccls.	US-PGPUB; USPAT	OR	ON	2006/02/20 21:32
S35	31	"acoustic pipe" and resonan\$	US-PGPUB; USPAT	OR	ON	2006/02/20 21:54